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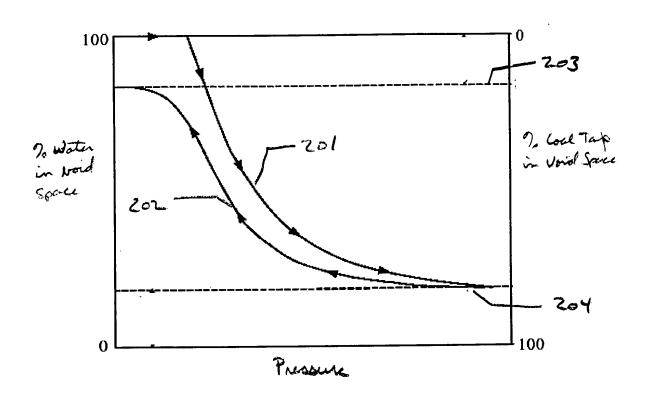
Place prepared soil sample in chamber 102 Displace pro From the Chamber with water 103 Feed coal tar at a given pressure to Measure the amount of 05 displaced water Repeat steps 104 and 105 for each desired 106 pressure FIG. 100

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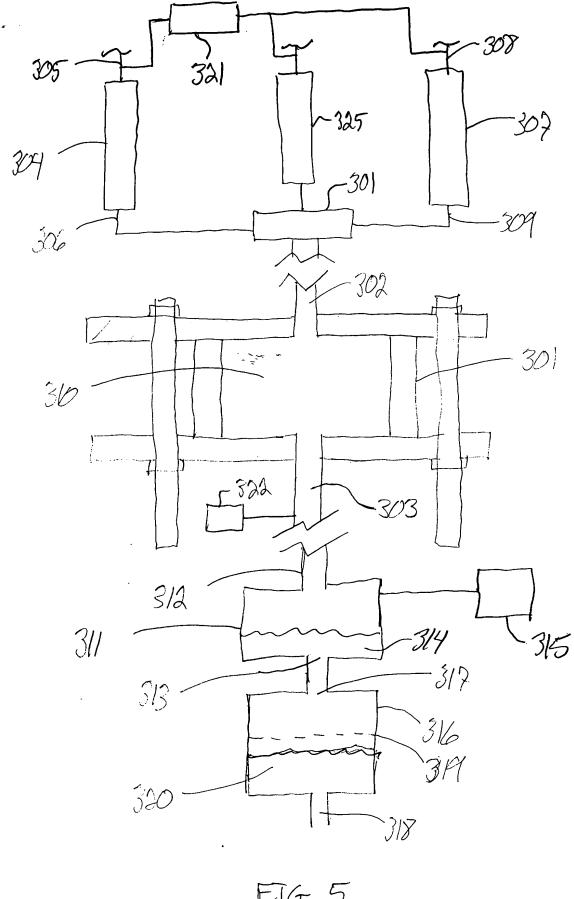
Reverse the pressure on the chamber Displace gas from the Chamber if necessary 112 Feed water at a given pressure to the chamber leasure the amount 114 displaced coul tar Report steps 113 and 114 for each desired gressure

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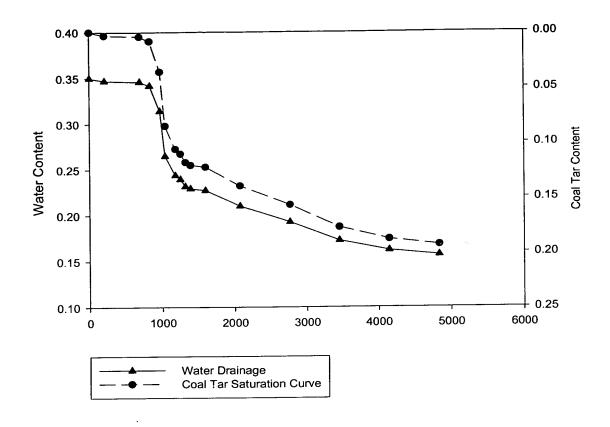
Obtaining a sample from a predetermined depth at a field site 121 Hessurize the sample in the chamber 124 Measure displaced coal to in leachate 123 Separate coul tour components from leachate 124 Eluting the sample to Separate coul ter 125 components FIG. 3



F16.4



F16.5



F16. 6